

Part 1. Reading Assignment (JSTL)

The JavaServer Pages Standard Tag Library (JSTL) encapsulates core functionality common to many JSP applications. Instead of mixing tags from numerous vendors in your JSP applications, JSTL allows you to employ a single, standard set of tags. This standardization allows you to deploy your applications on any JSP container supporting JSTL and makes it more likely that the implementation of the tags is optimized. JSTL has tags such as iterators and conditionals for handling flow control, tags for manipulating XML documents, internationalization tags, tags for accessing databases using SQL, and commonly used functions.

Part 2.1. Reading Assignment (The JSP Page Directive)

<http://pdf.coreservlets.com/JSP-page-Directive.pdf>

Part 2.2. Reading Assignment (Controlling Web Application Behavior with web.xml)

<http://pdf.moreservlets.com/More-Servlets-and-JSP-Chapter-05.pdf>

Part 3. Expression Language (Reading Assignment)

JSP 2.0 introduced a shorthand language for evaluating and outputting the values of Java objects that are stored in standard locations. This expression language (EL) is one of the two most important new features of JSP 2.0; the other is the ability to define custom tags with JSP syntax.

Part 4. Programming Assignment

Create a JSP page that uses at least 3 JSTL tags from each tag library group, i.e., 3 tags from Core Tag Lib, 3 tags from Formatting Tag Lib, etc. You could use random content on the JSP page.



Part 5. Programming Assignment

Redo Lab 3 project, but replace the scriptlet tags with JSTL and EL.



Part 6. Programming Assignment

Convert Lab 3 to a Spring MVC Application.

Part 7. Programming Assignment

Convert H2-Part7 to a Spring MVC Application.